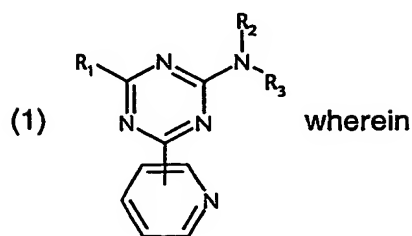


What is claimed is:

## 1. A compound of formula



R<sub>1</sub> is C<sub>1</sub>-C<sub>20</sub>alkyl; C<sub>3</sub>-C<sub>7</sub>cycloalkyl; or C<sub>1</sub>-C<sub>20</sub>perfluoroalkyl;

R<sub>2</sub> is hydrogen; C<sub>1</sub>-C<sub>20</sub>alkyl; or C<sub>3</sub>-C<sub>7</sub>cycloalkyl; and

R<sub>3</sub> is hydrogen; C<sub>1</sub>-C<sub>20</sub>alkyl; C<sub>3</sub>-C<sub>7</sub>cycloalkyl; C<sub>1</sub>-C<sub>20</sub>perfluoroalkyl; C<sub>1</sub>-C<sub>20</sub>alkyl-carbonyl; C<sub>3</sub>-C<sub>7</sub>cycloalkyl-carbonyl; C<sub>1</sub>-C<sub>20</sub>perfluoroalkyl-carbonyl; or phenylcarbonyl.

## 2. A compound according to claim 1, wherein

R<sub>1</sub> is C<sub>1</sub>-C<sub>4</sub>alkyl;

R<sub>2</sub> is hydrogen; and

R<sub>3</sub> is C<sub>6</sub>-C<sub>20</sub>alkyl; C<sub>2</sub>-C<sub>6</sub>alkyl; C<sub>3</sub>-C<sub>7</sub>cycloalkyl; C<sub>1</sub>-C<sub>20</sub>perfluoroalkyl; C<sub>1</sub>-C<sub>20</sub>alkyl-carbonyl; C<sub>3</sub>-C<sub>7</sub>cycloalkyl-carbonyl; or C<sub>1</sub>-C<sub>20</sub>perfluoroalkyl-carbonyl.

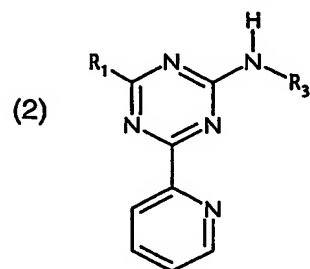
## 3. A compound according to either claim 1 or claim 2, wherein

R<sub>1</sub> is C<sub>1</sub>-C<sub>4</sub>alkyl;

R<sub>2</sub> is hydrogen; and

R<sub>3</sub> is C<sub>2</sub>-C<sub>6</sub>alkyl; C<sub>1</sub>-C<sub>12</sub>perfluoroalkyl; C<sub>1</sub>-C<sub>12</sub>alkyl-carbonyl; or C<sub>1</sub>-C<sub>12</sub>perfluoroalkyl-carbonyl.

## 4. A compound according to claim 1, which corresponds to formula



wherein

R<sub>1</sub> is C<sub>1</sub>-C<sub>4</sub>alkyl; and

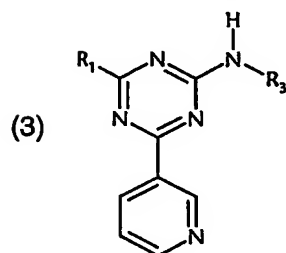
$R_3$  is  $C_6$ - $C_{20}$ alkyl;  $C_3$ - $C_7$ cycloalkyl;  $C_1$ - $C_{20}$ perfluoroalkyl;  $C_1$ - $C_{20}$ alkyl-carbonyl;  $C_3$ - $C_7$ cycloalkyl-carbonyl; or  $C_1$ - $C_{20}$ perfluoroalkyl-carbonyl.

5. A compound according to claim 4, wherein

$R_1$  is tert-butyl; and

$R_3$  is  $C_6$ - $C_{20}$ alkyl; especially octyl.

6. A compound according to claim 1, which corresponds to formula

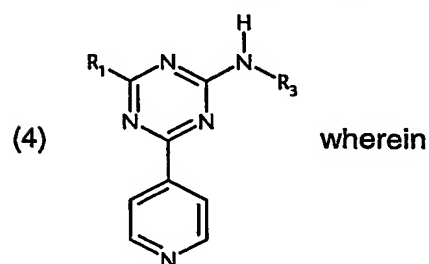


wherein

$R_1$  is  $C_1$ - $C_4$ alkyl; and

$R_3$  is  $C_6$ - $C_{20}$ alkyl;  $C_3$ - $C_7$ cycloalkyl;  $C_1$ - $C_{20}$ perfluoroalkyl;  $C_1$ - $C_{20}$ alkyl-carbonyl;  $C_3$ - $C_7$ cycloalkyl-carbonyl; or  $C_1$ - $C_{20}$ perfluoroalkyl-carbonyl.

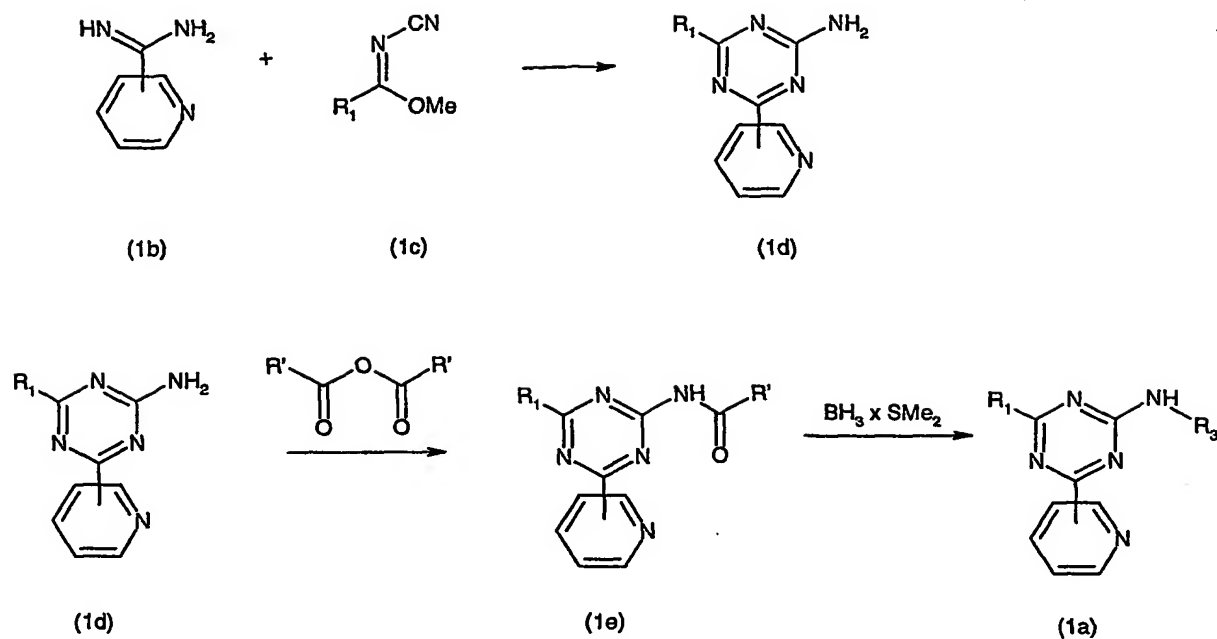
7. A compound according to claim 1, which corresponds to formula



$R_1$  is  $C_1$ - $C_4$ alkyl; and

$R_3$  is  $C_6$ - $C_{20}$ alkyl;  $C_3$ - $C_7$ cycloalkyl;  $C_1$ - $C_{20}$ perfluoroalkyl;  $C_1$ - $C_{20}$ alkyl-carbonyl;  $C_3$ - $C_7$ cycloalkyl-carbonyl; or  $C_1$ - $C_{20}$ perfluoroalkyl-carbonyl.

8. A process for the preparation of a compound of formula (1a) according to claim 1, which comprises condensing an amidine of formula (1b) with a cyanoimide of formula (1c) to form an aminotriazine of formula (1d), acylating the latter compound, and then reducing the N-acylamino triazine of formula (1e) obtained to form a compound of formula (1a), in accordance with the following Scheme:



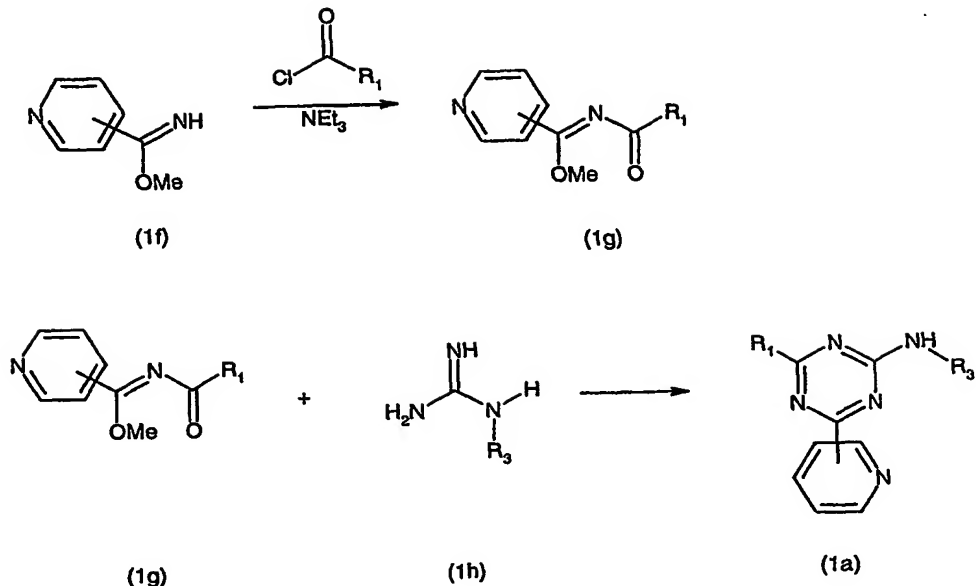
wherein

R<sub>1</sub> is C<sub>1</sub>-C<sub>20</sub>alkyl; C<sub>3</sub>-C<sub>7</sub>cycloalkyl; or C<sub>1</sub>-C<sub>20</sub>perfluoroalkyl;

R<sub>3</sub> is hydrogen; C<sub>1</sub>-C<sub>20</sub>alkyl; C<sub>3</sub>-C<sub>7</sub>cycloalkyl; C<sub>1</sub>-C<sub>20</sub>perfluoroalkyl; C<sub>1</sub>-C<sub>20</sub>alkyl-carbonyl; C<sub>3</sub>-C<sub>7</sub>cycloalkyl-carbonyl; C<sub>1</sub>-C<sub>20</sub>perfluoroalkyl-carbonyl; or phenylcarbonyl; and

R' is C<sub>1</sub>-C<sub>4</sub>alkyl.

9. A process for the preparation of a compound of formula (1a) according to claim 1, which comprises acylating a pyridylimino ester of formula (1f) and reacting the resulting N-acylimino ester of formula (1g) with a mono- or di-substituted guanidine or a salt thereof in an inert solvent to form a pyridyl-triazine of formula (1a), in accordance with the following Scheme:



wherein

R<sub>1</sub> and R<sub>3</sub> are as defined in claim a.

10. Use of a compound of formula (1) according to claim 1 in the antimicrobial treatment of surfaces.

11. Use according to claim 10, wherein the compound of formula (1) is used in the antimicrobial treatment, deodorisation and disinfection of the skin, oral and other mucosa, tooth surfaces and the hair.

12. Use according to claim 11, wherein the compound of formula (1) is used in disinfection and deodorisation.

13. Use, according to claim 10, of a compound of formula (1) in the treatment of textile fibre materials.

14. Use, according to claim 10, of a compound of formula (1) in preservation.

15. Use of a compound of formula (1) according to claim 10 in washing and cleaning formulations.

16. Use, according to claim 10, of a compound of formula (1) in imparting antimicrobial properties to, and preserving, plastics, paper, nonwovens, wood or leather.

17. Use, according to claim 10, of a compound of formula (1) in imparting antimicrobial properties to, and preserving, technical products, especially printing thickeners of starch or of cellulose derivatives, surface-coatings and paints.

18. Use, according to claim 10, of a compound of formula (1) as a biocide in technical processes, especially in paper treatment.

19. Use, according to claim 10, of a compound of formula (1) in penetrating and removing biofilms and also in preventing the adhesion and formation of biofilms on human tooth surfaces and oral mucosa.

20. A personal care preparation comprising from 0.01 to 15 % by weight, based on the total weight of the composition, of a compound of formula (1) defined in accordance with claim 1, and cosmetically tolerable adjuvants.

21. An oral composition comprising from 0.01 to 15 % by weight, based on the total weight of the composition, of a compound of formula (1) defined in accordance with claim 1, and orally tolerable adjuvants.